AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application.

1.   (Previously Presented) A network comprising a loop having therein a plurality of loop network monitors, each loop network monitor having an RS-485 port connected to a host which transmits and receives data, and two further RS-485 ports by way of which the monitors are connected into the loop.

2.   (Currently Amended) The [[A]] network as claimed in claim 1, and including router logic under the control of a microprocessor for controlling the transmission of data through the monitor.

3.   (Currently Amended) The [[A]] network as claimed in claim 1, wherein the first mentioned RS-485 port comprises termination jumpers which can be set in [dependance] dependence on the nature of the host, an RS-485 transceiver and means for isolating the host from the router logic.

4.   (Currently Amended) The [[A]] network as claimed in claim 1, wherein each of said further ports comprises a termination, an RS-485 transceiver, and means for isolating the router logic from the loop.

5.   (Currently Amended) The [[A]] network as claimed in claim 3, wherein each of said means for isolating [forisolating] comprises an opto coupler.

6.   (Currently Amended) A network loop monitor comprising an RS-485 port for connection to a host which transmits and receives data, and two further RS-485 ports for connecting the monitor into [[the]] a loop.

7.   (Currently Amended) The [[A]] network loop monitor as claimed in claim 6, wherein the first mentioned RS-485 port comprises termination jumpers which can be set in dependance

dependence on the nature of the host, an RS-485 transceiver and means for isolating the host from the router logic.

8.   (Currently Amended) The [[A]] network loop monitor as claimed in claim 6 wherein each of said further ports comprises a termination, an RS-485 transceiver, and means for isolating the router logic from the loop.

9.   (Currently Amended) The [[A]] network loop monitor as claimed in claim 6, wherein each of said means for isolating comprises an opto coupler.